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Terms	Documents
L5 same stabili\$	46

Database:

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<u>L6</u>	L5 same stabili\$	46	<u>L6</u>
<u>L5</u>	(terminal same ribonucleotide\$)	522	<u>L5</u>
<u>L4</u>	L3 and (terminal same ribonucleotides)	0	<u>L4</u>
<u>L3</u>	L1 and antisense and phosphorothioate	107	<u>L3</u>
<u>L2</u>	L1 antisense	37733	<u>L2</u>
<u>L1</u>	baracchini	141	<u>L1</u>

END OF SEARCH HISTORY

Set	Items	Description
S1	147	(SOLID (5N) PARTICLE?) AND (CATIONIC (5N) SURFACTANT?)
S2	7	S1 AND (PHARMACEUTIC? OR DRUG?)
S3	7	RD (unique items)

>>>KWIC option is not available in file(s): 399

3/3,K/1 (Item 1 from file: 73)
 DIALOG(R)File 73:EMBASE
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12105137 EMBASE No: 2003216795

Adsorption of a *cationic* gemini *surfactant* from aqueous solution onto aluminosilicate powders of the MCM-41 type: Effect of pore size and co-adsorption of phenol

Meziani M.J.; Benalla H.; Zajac J.; Partyka S.; Jones D.J.
 J. Zajac, Lab. Agregats Moleculaires/Mat. I., UMR 5072, Universite Montpellier 2, Place E. Bataillon, 34095 Montpellier Cedex 5 France
 AUTHOR EMAIL: zajac@univ-montp2.fr
 Journal of Colloid and Interface Science (J. COLLOID INTERFACE SCI.) (United States) 15 JUN 2003, 262/2 (362-371)
 CODEN: JCISA ISSN: 0021-9797
 DOCUMENT TYPE: Journal ; Article
 LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
 NUMBER OF REFERENCES: 40

Adsorption of a *cationic* gemini *surfactant* from aqueous solution onto aluminosilicate powders of the MCM-41 type: Effect of pore size and co-adsorption of phenol

...bromide counterions BrSUP- at the solid-solution interface, the isotherm of the pH evolution in the equilibrated supernatant liquid, and the electrophoretic mobility of the *solid* *particles* coated with the adsorbed CSUB12CSUB12CSUB12 were additionally measured. The uptake of phenol (PhOH) by a surfactant-solid system from a 1.5 mmol kgSUP-1...

...the pore walls and it is a strongly co-operative phenomenon. Surfactant aggregates forming at adsorption saturation are thought to be composed of the adsorbed *surfactant* units having their *cationic* head groups mostly oriented outward with respect to the solid surface. Therefore, they can provide co-adsorption sites for polarisable phenol molecules. On average, there...

DRUG DESCRIPTORS:
 silicon derivative; surfactant; phenol; unclassified *drug*

3/3,K/2 (Item 2 from file: 73)
 DIALOG(R)File 73:EMBASE
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11735761 EMBASE No: 2002309829

Preparation of microspheres by an emulsification-complexation method

Kim J.-C.; Song M.-E.; Lee E.-J.; Park S.-K.; Rang M.-J.; Ahn H.-J.
 J.-C. Kim, LG Household and Health Care, 84, Jang-dong, Yusong-gu, Taejon 305-343 South Korea
 AUTHOR EMAIL: jinkim@lgcare.co.kr
 Journal of Colloid and Interface Science (J. COLLOID INTERFACE SCI.) (United States) 2002, 248/1 (1-4)
 CODEN: JCISA ISSN: 0021-9797
 DOCUMENT TYPE: Journal ; Article
 LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
 NUMBER OF REFERENCES: 11

Microspheres were prepared by complexation of a cationic polymer, polyquaternium-24, and an anionic *surfactant*, sodium lauryl sulfate (SLS). The *cationic* polymer solution was emulsified in dimethylsiloxane to give water in silicone emulsion (W/Si), and it was used as a template

for the formation of...

...1000 rpm. It is believed that water droplets in W/Si emulsion, when exposed to SLS solution, could be solidified by the complexation of the *cationic* polymer and the anionic *surfactant*. (c) 2002 Elsevier Science (USA).

DRUG DESCRIPTORS:

cation; polymer; anionic surfactant; dodecyl sulfate sodium; siloxane; silicone derivative; unclassified *drug*

MEDICAL DESCRIPTORS:

dispersion; synthesis; X ray analysis; *particle* size; *solid*; phase transition; article; priority journal

3/3,K/3 (Item 3 from file: 73)

DIALOG(R)File 73:EMBASE

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11630209 EMBASE No: 2002200690

Film stability control

Klitzing R.V.; Muller H.-J.

R.V. Klitzing, Stranski-Lab. fur Phys./Theor. Chem., Technische Universitat Berlin, Strasse des 17. Juni 112, D-10623 Berlin Germany

AUTHOR EMAIL: kiltzing@chem.tu-berlin.de

Current Opinion in Colloid and Interface Science (CURR. OPIN. COLLOID INTERFACE SCI.) (United Kingdom) 2002, 7/1-2 (42-49)

CODEN: COCSF ISSN: 1359-0294

PUBLISHER ITEM IDENTIFIER: S1359029402000055

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 61

...the stability of foam films and emulsion films are considered. Many of the recent works in this field deal with complex systems containing macromolecules or *solid* *particles* beside the surfactant. The correlation between the stabilizing factors is less understood than in binary surfactant films due to a diversity of interactions between the...

DRUG DESCRIPTORS:

cationic *surfactant*; polymer; dimyristoylphosphatidylcholine; dimyristoylphosphatidylglycerol; propylene glycol; polyelectrolyte; copolymer; protein; unclassified *drug*

MEDICAL DESCRIPTORS:

emulsion; macromolecule; correlation analysis; viscosity; elasticity; experimental test; micelle; hydrophobicity; *drug* stability; solid state; review

3/3,K/4 (Item 1 from file: 103)

DIALOG(R)File 103:Energy SciTec

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04721224 EDB-01-070469

Title: AQUEOUS BIPHASE EXTRACTION FOR PROCESSING OF FINE COAL

Author(s)/Editor(s): K. Osseo-Asare; X. Zeng.

Corporate Source: Federal Energy Technology Center, Morgantown, WV (United States) Federal Energy Technology Center, Pittsburgh, PA (United States)

Sponsoring Organization: DOE; US Department of Energy (United States)

Publication Date: 30 Jun 2001

(15 p)

Report Number(s): FG22-96PC96211-08

Order Number: DE00783702

Contract Number (DOE): FG22-96PC96211

Language: English

Programming Language: PDF Normal

Contact: Beverly A. Farner^ 412-386-5033^ farner net1.doe.gov

...Abstract: attributable to the fact that they are not able to replace the strongly adsorbed polysaccharide layer on the ferric oxide surface. The results with the ***cationic* *surfactant*** are due to electrostatic interaction between the ***cationic* *surfactant*** and the charged surface of the ***solid* *particles***. The difference in solids partitioning in the two systems is the result of the different distribution of DTAB in these systems. In the Dex/TX100...
...Broader Terms: ***DRUGS***;

3/3,K/5 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2003 American Chemical Society. All rts. reserv.

136221719 CA: 136(14)221719v PATENT

Milled pharmaceutical particles

INVENTOR(AUTHOR): Verhoff, Frank; Pace, Gary W.; Snow, Robert A.; Millar, Fay

LOCATION: USA

ASSIGNEE: Rtp Pharma Inc.

PATENT: PCT International ; WO 200217883 A2 DATE: 20020307

APPLICATION: WO 2001US26844 (20010829) *US PV229042 (20000831)

PAGES: 93 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-009/14A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PH; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

3/3,K/6 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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135108256 CA: 135(8)108256h PATENT

Templating of solid particles by polymer multilayers

INVENTOR(AUTHOR): Caruso, Frank; Mohwald, Helmuth; Trau, Dieter; Renneberg, Reinhard

LOCATION: Germany,

ASSIGNEE: Max-Planck-Gesellschaft Zur Forderung Der Wissenschaften E.V.

PATENT: European Pat. Appl. ; EP 1116516 A1 DATE: 20010718

APPLICATION: EP 2000111523 (20000529) *DE 10001172 (20000113)

PAGES: 23 pp. CODEN: EPXXDW LANGUAGE: English CLASS: B01J-013/10A; B01J-013/22B; A61K-007/00B; A23P-001/04B; A61K-009/50B

DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; MC; PT; IE; SI; LT; LV; FI; RO

3/3,K/7 (Item 1 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

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0224484 DBR Accession No.: 98-06081 PATENT

New *cationic* *surfactants* - *cationic* *surfactant* characterization for *pharmaceutical* and nucleic acid transfer to cell for application in therapy

AUTHOR: Shefter E; Ruth J A; Meyer J D; Manning M C; Kroll D J; Claffey D J

CORPORATE SOURCE: Boulder, CO, USA.

PATENT ASSIGNEE: Univ.Technol.Int. 1998

PATENT NUMBER: WO 9810649 PATENT DATE: 980319 WPI ACCESSION NO.: 98-207071 (9818)

PRIORITY APPLIC. NO.: US 741429 APPLIC. DATE: 961029

NATIONAL APPLIC. NO.: WO 97US16181 APPLIC. DATE: 970911
LANGUAGE: English

New ***cationic* *surfactants*** - ***cationic* *surfactant*** characterization for ***pharmaceutical*** and nucleic acid transfer to cell for application in therapy

ABSTRACT: ***Cationic* *surfactants*** of formula P-L-C (I) are new, where P is a biocompatible hydrophobic moiety, C is a biocompatible cationic moiety and L is a...

... a method of transforming cells; a kit for delivering nucleic acid or other negatively charged compound into cells; a method for manufacturing particles containing a ***pharmaceutical*** substance (II); a method for delivering (II) to an animal; a ***pharmaceutical*** product containing ***solid* *particles*** with an elongated fiber-like shape and containing (II) and (I); and a true homogeneous solution containing a ***pharmaceutical*** substance in solution in organic solvent for the storage of ***pharmaceutical*** substances and that may be further processed to prepare ***pharmaceutical*** powders. (I) are used to compositions to deliver ***pharmaceutical*** substances to patients. They are also used to deliver negatively charged substances in cells, to transform cells. (I) may be used in compositions to deliver...

DESCRIPTORS: ***cationic* *surfactant*** characterization, appl.
pharmaceutical, nucleic acid transfer to transformed cell, therapy
(Vol.17, No.13)

?